

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/568,235  
Source: IFWO  
Date Processed by STIC: 10-25-2006

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 10/25/2006

PATENT APPLICATION: US/10/568,235

TIME: 13:18:27

Input Set : N:\Crf3\RULE60\10568235.raw

Output Set: N:\CRF4\10252006\J568235.raw

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1 <110> APPLICANT: St. Jude Children's Reserach Hospital
2   Geiger, Terrence
3 <120> TITLE OF INVENTION: Chimeric Receptor With Disrupted Dileucine Motifs
4 <130> FILE REFERENCE: SJ-03-0016
5 <140> CURRENT APPLICATION NUMBER: US/10/568,235
6 <141> CURRENT FILING DATE: 2006-02-14
7 <150> PRIOR APPLICATION NUMBER: US/60/496,449
8 <151> PRIOR FILING DATE: 2003-08-20
9 <160> NUMBER OF SEQ ID NOS: 14
10 <170> SOFTWARE: PatentIn version 3.2
12 <210> SEQ ID NO: 1
13 <211> LENGTH: 5
14 <212> TYPE: PRT
15 <213> ORGANISM: Artificial
16 <220> FEATURE:
17 <223> OTHER INFORMATION: Dileucine Motif
18 <220> FEATURE:
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20 <222> LOCATION: (2)..(3)
21 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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33 <221> NAME/KEY: MISC_FEATURE
34 <222> LOCATION: (2)..(4)
35 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
36 <400> SEQUENCE: 2
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38       1           5
40 <210> SEQ ID NO: 3
41 <211> LENGTH: 6
42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Dileucine Motif
46 <220> FEATURE:

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47 <221> NAME/KEY: MISC_FEATURE
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49 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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55 <211> LENGTH: 6
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial
58 <220> FEATURE:
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60 <220> FEATURE:
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62 <222> LOCATION: (2)..(4)
63 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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66          1          5
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69 <211> LENGTH: 6
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71 <213> ORGANISM: Artificial
72 <220> FEATURE:
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76 <222> LOCATION: (2)..(4)
77 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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91 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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94          1          5
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 5
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial

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Input Set : N:\Crf3\RULE60\10568235.raw

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100 <220> FEATURE:
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102 <220> FEATURE:
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105 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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111 <211> LENGTH: 7
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113 <213> ORGANISM: Mus musculus
114 <400> SEQUENCE: 8
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119 <211> LENGTH: 7
120 <212> TYPE: PRT
121 <213> ORGANISM: Homo sapiens
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129 <213> ORGANISM: Artificial
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138 <212> TYPE: PRT
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141 <223> OTHER INFORMATION: IRAP Dileucine Motif
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147 <211> LENGTH: 7
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial
150 <220> FEATURE:
151 <223> OTHER INFORMATION: VAMP4 Dileucine Motif
152 <400> SEQUENCE: 12
153          Ser Glu Arg Arg Asn Leu Leu

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Input Set : N:\Crf3\RULE60\10568235.raw

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156 <210> SEQ ID NO: 13
157 <211> LENGTH: 6
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Dileucine Motif
162 <220> FEATURE:
163 <221> NAME/KEY: MISC_FEATURE
164 <222> LOCATION: (2)..(4)
165 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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168      1      5
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171 <211> LENGTH: 6
172 <212> TYPE: PRT
173 <213> ORGANISM: Artificial
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177 <221> NAME/KEY: MISC_FEATURE
178 <222> LOCATION: (2)..(4)
179 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
180 <400> SEQUENCE: 14
W--> 181      Arg Xaa Xaa Xaa Leu Ile
182      1      5
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/568,235

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Input Set : N:\Crf3\RULE60\10568235.raw  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3  
Seq#:2; Xaa Pos. 2,3,4  
Seq#:3; Xaa Pos. 2,3,4  
Seq#:4; Xaa Pos. 2,3,4  
Seq#:5; Xaa Pos. 2,3,4  
Seq#:6; Xaa Pos. 2,3  
Seq#:7; Xaa Pos. 2,3  
Seq#:13; Xaa Pos. 2,3,4  
Seq#:14; Xaa Pos. 2,3,4

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,10,11,12,13,14

## VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10568235.raw

Output Set: N:\CRF4\10252006\J568235.raw

L:23 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0